IMMUNOCHROMATOGRAPHIC METHODS FOR DETECTING AN ANALYTE IN A SAMPLE WHICH EMPLOY SEMICONDUCTOR NANOCRYSTALS AS DETECTABLE LABELS

5

ABSTRACT OF THE DISCLOSURE

Immunochromatographic test strip assays which employ semiconductor
10   nanocrystals as detectable labels are disclosed, as are methods for detecting and
quantifying one or more analytes of interest in a test sample using those assays. The test
strips of the present invention permit detection and quantitation of one or more analytes
of interest present in a test sample suspected of containing them, by using more than one
semiconductor nanocrystal as a detectable label, each of which emits exhibits a unique
15   emission peak.